

Subject: 7 Cedars Casino copper action level exceedance update

On January 6, 2015 EPA sent a letter to Bill Laubner and Ron Sather informing them that due to high copper levels they would need to provide a corrosion control treatment recommendation to EPA by the end of June. I left a message with Bill the last week of May reminding him of this deadline. It appears they may have forgotten about our letter as when Ilan Jones contacted me on June 1st, he said they would be contacting Parametrix this week. I provided Ilan with EPA's Revised Guidance Manual for Selecting Lead and Copper Control Strategies.

They did more copper monitoring in March of 2015 and still had high copper levels. The monitoring was done before the installation of backflow prevention for the carbonated beverage dispensers was completed. Ilan is going to be doing more testing on Tuesday 6/2/15 and will also be sampling for water quality parameters as described in the attached document.

Wendy Marshall 6/1/15

On June 11, 2015 Ilan Jones sent me WQP data and passed along a request for a 30 day extension to the end of July. After talking with Lisa I sent back an email on 6/15/15 that said the following:

EPA will allow a one month extension for the submission of the 7 Cedars Casino copper corrosion control treatment recommendation. As stated in our January 6, 2015, letter, the corrosion control treatment recommendation can be sent directly to me. I've been asked to mention that if the report is not received by July 31st, the 7 Cedars Casino will incur a treatment.

Wendy Marshall 6/15/15

Received lead/copper and WQP data from Ilan Jones on July 1, 2015, for samples collected early June. Copper sample results from the 10 samples collected on 6/3/15 ranged from 3.83 mg/L to 8.36 mg/L. Sent email back to Ilan thanking him for data and reminding him about 7/31/15 deadline. pH on 6/3 (service sink, kitchen) at CA-03 was 6.5 and temperature 17.4 C. On 6/10/15 pH was 6.98 and temperature 13.7 C.

7/28/15 Phone call with Ian Jones, Steve Anderson, and Sandy Redsteer. Ian said that Parametrix did not work out as they said they don't do CCT studies. He mentioned that he had contacted Mike at American Pumps who had installed the new Enterprise Well and Mike indicated they could do a study. Both Steve and I expressed some concern about the possible complexity of the situation and suggested that the Tribe might want to hire someone with more experience. IHS will put together a list of consultants they believe have experience and I provided information to IHS of one firm that could be added to the list. Ian also asked about what can be done now since they won't have a recommendation by 7/31/15 as required. We talked about what it means to have a violation. He will send a letter (we suggested that it be signed by Bill Laubner or some manager) saying they are recommending aeration plus orthophosphate, as per our guidance manual (although when I spoke with Melinda Friedman from Confluence Engineering she thought that aeration alone might even be sufficient) and that they are committed to hiring a consultant, etc. I will send an email to Ian on 7/29/15 asking Ian to have Bill Laubner send this letter to Marie as the January letter was sent by her.

Wendy Marshall 7/28/15

Spoke with Mike Schock 7/30/15 who suggested that aeration would probably be sufficient. I relayed that information to Ian Jones for future reference since they had already sent a letter to Marie saying they would be looking into aeration plus orthophosphate.

Wendy Marshall 7/30/15